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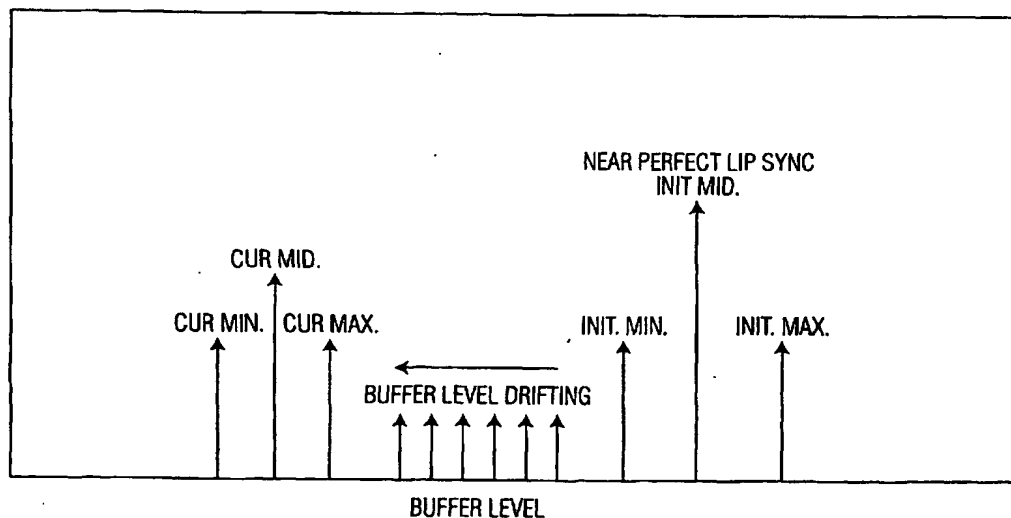
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(54) Title: A SYSTEM AND METHOD FOR DETERMINING LIP SYNCHRONIZATION BETWEEN AUDIO AND VIDEO IN A DIGITIZED ENVIRONMENT USING BUFFER CALCULATION

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(57) Abstract: The disclosed embodiments relate to a system (23) and method (400) for maintaining synchronization between a video signal (29) and an audio signal (31) that are processed using clocks that are locked. The system (23) may comprise a component (34) that determines at least one initial level of a buffer, a component (34) that determines at least one current level of the buffer, and a component (34) that determines an amount of drift by comparing the at least one initial level of the buffer to the at least one current level of the buffer and adjusts the clocks to maintain the initial midpoint level of the buffer if the amount of drift reaches a threshold level.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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US CL : 348/512, 515, 518, 14.12; 715/500.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,949,410 A (FUNG) 07 September 1999, whole document	1-20
A	US 5,796,912 A (SATO) 18 August 1998, whole document	1,11,18
A	US 5,771,075 A (RIM et al) 23 June 1998, whole document	1-20
A	US 5,231,492 A (DANGI et al.) 27 July 1993, whole document	1,11,18
A	US 4,698,678 A (COLLINS) 06 October 1987, whole document	1-20
A	US 5,809,454 A (OKADA et al.) 15 September 1998, whole document	1-20
A	US 4,851,909 A (NOSKE et al.) 25 Jul 1989, whole document	1-20
A	US 5,729,516 A (TOZAKI et al.) 17 March 1998, whole document	1-20

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"O" document referring to an oral disclosure, use, exhibition or other means	
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